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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,284	02/28/2002	Kazuhiro Shitama	09792909-5327	1150
26263 7	590 06/26/2006		EXAM	INER
SONNENSCHEIN NATH & ROSENTHAL LLP P.O. BOX 061080  MURPHY, RHONDA L				
	IVE STATION, SEARS T	TOWER	ART UNIT	PAPER NUMBER
CHICAGO, II			2616	

DATE MAILED: 06/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary		Application No.	Applicant(s)	V				
		10/085,284	SHITAMA, KAZUHIRO					
		Examiner	Art Unit					
		Rhonda Murphy	2616					
	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply							
WHIC - Exten after: - If NO - Failur Any r	DRTENED STATUTORY PERIOD FOR REPLY HEVER IS LONGER, FROM THE MAILING DO SIGNS of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. period for reply is specified above, the maximum statutory period of the to reply within the set or extended period for reply will, by statute sply received by the Office later than three months after the mailing of patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNIC 36(a). In no event, however, may a re will apply and will expire SIX (6) MONT 1, cause the application to become ABA	CATION.  sply be timely filed  IHS from the mailing date of this commun  ANDONED (35 U.S.C. § 133).					
Status								
2a)☐ 3)☐	Responsive to communication(s) filed on This action is <b>FINAL</b> . 2b) This Since this application is in condition for alloward closed in accordance with the practice under Expression 2.	action is non-final. nce except for formal matte		rits is				
Dispositi	on of Claims							
5)□ 6)⊠ 7)⊠ 8)□ <b>Applicati</b> 9)□ 10)⊠	Claim(s) 1-27 is/are pending in the application 4a) Of the above claim(s) is/are withdraw Claim(s) is/are allowed.  Claim(s) 1-3,9,12-14,20,22 and 25-27 is/are reclaim(s) 4-8,10,11,15-19,21,23 and 24 is/are of Claim(s) are subject to restriction and/of on Papers  The specification is objected to by the Examine The drawing(s) filed on 28 February 2002 is/are Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct	wn from consideration. ejected. objected to. or election requirement. er. e: a)⊠ accepted or b)□ of drawing(s) be held in abeyan tion is required if the drawing(	ce. See 37 CFR 1.85(a). (s) is objected to. See 37 CFR 1.					
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b								
2) Notice 3) Information Paper	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) r No(s)/Mail Date	Paper No(s	Summary (PTO-413) s)/Mail Date nformal Patent Application (PTO-152) 	)				

Art Unit: 2616

#### **DETAILED ACTION**

Page 2

### **Drawings**

1. Figures 1-15 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

## Claim Objections

Claims 22 and 25 are objected to because of the following informalities:
 Claim 22 needs a transitional phrase such as "comprising" to separate the preamble and the body of the claim.

In claim 25, line 2, the term "between" shall be inserted after "moves".

Appropriate correction is required.

## Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Art Unit: 2616

3. Claim 22 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It is unclear as to which device sends the router advertisement. It is also unclear if the mobile node in line 5 is the same as the terminal device of line 1, and which device configures the address in line 8.

Page 3

## Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 5. Claims 1 3, 9, 12-14, 20, 22 and 25 27 are rejected under 35 U.S.C. 102(e) as being anticipated by Ishiyama et al. (US 6,973,506).

Regarding claims 1 and 12, Ishiyama teaches a communication processing system comprising: a mobile node which is a mobile communication terminal device (Fig. 1, M1), wherein, in a domain including at least one sub-network (sub-networks N1,N2,N3), each sub-network being associated with a physical network prefix (col. 10, lines 9-18), a virtual network prefix for the mobile node is determined as a network prefix that is different from the physical network prefix (col. 10, lines 41-48), an address is configured based on the virtual network prefix and an identifier of the mobile node (col. 10, lines

Art Unit: 2616

41-48), and the communications process with the mobile node is performed according to the address (col. 10, lines 41-48; 59-67; col. 11, lines 1-2).

Regarding claims 2 and 13, Ishiyama teaches the identifier of the mobile node is a unique identifier in the domain for identifying the mobile node (col. 9, lines 63-67; col. 10, lines 1-3).

**Regarding claims 3 and 14**, Ishiyama teaches the identifier of the mobile node is a unique interface ID in the domain for identifying the mobile node (col. 9, lines 63-67; col. 10, lines 1-3).

Regarding claims 9 and 20, Ishiyama teaches a system wherein, when the mobile node moves between sub-networks in the domain or in different domains, the mobile node sends a routing update message to a router in the domain (col. 19, lines 62-67; col. 20, lines 1-10); and the router which has received the routing update message generates, updates, or deletes an entry for the mobile node in a routing table according to the received message (col. 20, lines 10-17).

Regarding claim 22, Ishiyama teaches a communication terminal device (Fig. 1, M1) which performs communications via a network, wherein a router advertisement serving as an information notification message containing a physical network prefix and a virtual network prefix for a mobile node is received (col. 12, lines 35-54), the physical network prefix being allocated to each of at least one sub-network included in a domain (col. 10, lines 9-18); and an address is configured based on the virtual network prefix retrieved from the received router advertisement serving as an information notification message

Art Unit: 2616

and an identifier of the communication terminal device (col. 10, lines 41-48; col. 12, lines 35-54).

Regarding claim 25, Ishiyama teaches a method wherein, when the communication terminal device moves between sub-networks in the domain or in different domains, the communication terminal device sends a routing update message to a router in the domain (col. 19, lines 62-67; col. 20, lines 1-10).

**Regarding claim 26**, Ishiyama teaches the same limitations described above in the rejection of claim 21.

**Regarding claim 27**, Ishiyama teaches the same limitations described above in the rejection of claim 22. Furthermore, Ishiyama teaches a program which causes a communications process via a network to be executed on a computer system, said program implementing the steps described in claim 22 (col. 7, lines 14-20).

#### Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US 6,515,974 patent to Inoue et al., US 6,751,672 patent to Khalil et al., US 6,708,219 patent to Borella et al., US 6,058,431 patent to Srisuresh et al., and US 2003/0016655 A1 publication to Gwon.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rhonda Murphy whose telephone number is (571) 272-3185. The examiner can normally be reached on Monday - Friday 8:00 - 4:30pm.

Art Unit: 2616

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Chau Nguyen can be reached on (571) 272-3126. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

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Rhonda Murphy

Page 6

Examiner

Art Unit 2616

RM

CHAU NGUYEN

SUPERVISORY PATENT EXAMINER

Chone T, Afigue

TECHNOLOGY CENTER 2600